WEST

Freeform Search

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Derwent World Patents Index
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Term:

Display: `20` Documents in **Display Format:** `CIT` Starting with Number `1`

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Search History

Today's Date: 8/16/2001

DB Name	Query	Hit Count	Set Name
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	('4217660'| '4959863'| '5068878')[ABPN1,NRPN,PN,TBAN,WKU]	10	L8
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l6 and (interleav$3 or permut$5 or de?interleav$3) near3(array or matrix or matric$3 or block$4 or group$3) near3 (column or row) same random$3 same (series or sequen$5 or serial$3)	4	L7
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l5 and (interleav$3 or permut$5 or de?interleav$3 or arrang$5 or re?arrang$5) near3(array or matrix or matric$3 or block$4 or group$3) near3 (column or row) same random$3 same (series or sequen$5 or serial$3)	83	L6
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l4 and (interleav$3 or permut$5 or de?interleav$3 or arrang$5 or re?arrang$5) near3(array or matrix or matric$3 or block$4 or group$3) near3 (column or row) same random$3	627	L5
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(interleav$3 or permut$5 or de?interleav$3 or arrang$5 or re?arrang$5) near3(array or matrix or matric$3 or block$4 or group$3)	170051	L4
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	('5204981'| '6151001')[ABPN1,NRPN,PN,TBAN,WKU]	5	L3
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	('EP 998046A'| '5204981')[ABPN1,NRPN,PN,TBAN,WKU]	4	L2
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(interleav$3 or permut$5 or de?interleav$3 or arrang$5 or re?arrang$5) same (array or matrix or matric$3 or block$4 or group$3) same (column or row) same random$3 same time near (series or sequen$5 or serial$3)	5	L1

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L7: Entry 3 of 4   File: USPT   Sep 25, 1990

DOCUMENT-IDENTIFIER: US 4959863 A
TITLE: Secret speech equipment

DEPR:
The decimated signal sequence (signal vector) $Y.sup.i'$ ($Z.sup.16$) is permutated by a multiplication by the permutation matrix [T] of 8.times.8. In this case, the row element of the permutation matrix is 0 or 1 (the sum being 1), and element of this matrix is 0 or 1 (the sum being 1). The permutation matrix is a fixed permutation if constant with time, and a variable permutation if variable. In the scramble processing, the rows of this matrix are permutated at random, and the number of combinations is usually n! for an n.times.n matrix.

DEPR:
This translation is carried out in the TDM-FDM converter 51 shown in FIG. 5. A series of $Y.sup.i'$ (Z) (which was permuted by the permutation matrix) is again split into sub-bands through the band splitting filters ($H.sup.0$ to $H.sup.7$) 620 to 627. In this process, all the components of 4 kHz to 8 kHz are made zero.

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End of Result Set

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L7: Entry 4 of 4   File: EPAB   Aug 12, 1980

DOCUMENT-IDENTIFIER: US 4217660 A
TITLE: Method and apparatus for the coding and decoding of digital data

FPAR:
Digital information is convolutionally encoded and stored in row by successive
row sequence in a storage matrix. The interleaved data from the matrix is
outputted in column by successive column order for transmission over a medium.
The decoding process includes loading the encoded bit stream in column by
successive column sequence in a decoder matrix. The stored data is then outputted
in row by row sequence, thereby deinterleaving the bit stream. The original
information bits are then regenerated by processing the bit stream through a
convolutional decoder. The instant data processing system is capable of
correcting for one out of four successive random errors and burst errors having a
length of one-fourth of the entire message.

SEARCH RESULTS
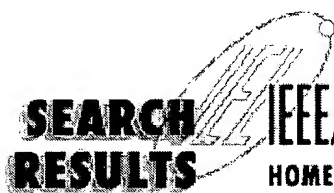
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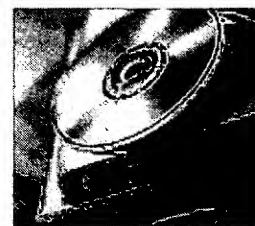
Refine Query:

(interleave or permute or deinterleave)<near> (matrix or array) <near

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Collections: Journals   Conferences   Standards
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  1 are presented on this page, sorted by Score in descending order

DOC TYPE	VIEW FULL PAGE	VIEW CITATION
CNF		**A 2K/spl times/1K space switch ASIC for use in digital exchanges**

Keshava Murthy, V.; Madhu Kumar, K.; Vani, M.B.; Jagadish Kumar, D.; Mohan, C.S.; Prasanna, B.S.
VLSI Design, 1994., Proceedings of the Seventh International Conference on
Published: 1994 , Page(s): 247 -250